## JC03 Rec'd PCT/PTO 1 8 APR 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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	RANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER 021958-031WO							
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			U.S. APPLICATON NO (Tknown sec. 7 CFR 1.5)						
	TIONAL APPLICATION NO. P2003/011565	INTERNATIONAL FILING DATE 17 October 2003 (17.10.03)	PRIORITY DATE CLAIMED 18 October 2002 (18.10.02)						
TITLE OF INVENTION									
METHOD AND DEVICE FOR DETERMINING A CHARACTERISTIC VALUE THAT IS REPRESENTATIVE OF THE CONDITION OF A GAS APPLICANT(S) FOR DO/EO/US									
Brekelmans, Kees, C., J., M., N. and VAN RIJSWIJK, Jan, Willem, J., W.									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. X	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4. <b>X</b>	The US has been elected (Article 31).								
5. <b>X</b>	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a. 🗴 is attached hereto (required only if not communicated by the International Bureau).								
	b.  has been communicated by the International Bureau.								
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
	a. is attached hereto.								
	b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7. <b>X</b>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
	a. x are attached hereto (required only if not communicated by the International Bureau).								
	b. have been communicated by the International Bureau.								
	c. have not been made; however, the time limit for making such amendments has NOT expired.								
	d. have not been made and will not be made.								
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT  Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern document(s) or information included:									
11. 🔲	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13. <b>X</b>	A preliminary amendment.								
14. 📙	An Application Data Sheet under 37 CFR 1.76.								
15. 🔲	A substitute specification.								
16.	A power of attorney and/or change of address letter.								
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.								
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								
20. 🗶	Other items or information: PCT Written Opinion								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICAT	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER					
	0/53	1845	PCT/EP2003/011	565	021958-031WO				
The foll	owing fees have l	CALCULATIONS	PTO USE ONLY						
21. 🗷 Basi	c national fee	\$300	<sup>\$</sup> 300						
If International page PCT Article 33	nination fee reliminary examin 8(1)-(4)	\$ 200							
Search fee (37 C	nal Searching Au rch Report prepa	\$ 400							
	TOTAL OF 21, 2	\$ 900							
Additional fee	e for specification sting or computer 250 for each addi								
Total Sheets Extra Sheets		Number of each additional 50 or fraction thereof (round <b>up</b> to a whole number)		RATE					
- 100 =	/50 =			x \$250	\$				
Surcharge of \$13 claimed priority d		\$							
CLAIMS	NUME	BER FILED	NUMBER EXTRA	RATE	\$				
Total claims	38	- 20 =	18	x \$50	\$ 900				
Independent clair	ns 2	- 3 =	0	x \$200	\$				
MULTIPLE DEPE		S) (if applicable)		+ \$360	\$	1			
		, (	TOTAL OF ABOVE	CALCULATIONS =	\$ 900	1			
Applicant cla	ims small entity s	tatus. See 37 CF	R 1.27. Fees above are redu		+ 300				
				SUBTOTAL =	\$ 1800	1			
Processing fee of claimed priority d		\$							
			TOTA	NATIONAL FEE =	\$ 1800				
Fee for recording by an appropriate		\$							
, ,,	•			EES ENCLOSED =	\$ 1800				
		Amount to be refunded:	\$						
		Amount to be charged:	\$						
a. A check in the amount of \$ to cover the above fees is enclosed.									
b. Please charge my Deposit Account No. 12-1322 in the amount of \$ 1800 to cover the above fees.  A duplicate copy of this sheet is enclosed.									
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1322 A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
Docket Coord		) 7 mg - 1/							
Locke Liddell & Sapo LLP					ľ				
600 Travis D. Brit Nelso					1				
3400 JP More Houston, TX	gan Chase To								
110050011, 17	11002-3093	ON NUMBER							



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVING OFFICE

In re Applicants: PCT NATIONAL APPLICATION BREKELMANS, Kees, C., J., m., N.

and VAN RIJSWIJK, Jan, Willem, J., W. §

Serial No.: Filed:

I.A. Serial No.: (PCT/EP03/011565) I.A. Filing Date: 17 October 2003 (17.10.03)

For: METHOD AND DEVICE FOR DETERMINING A CHARATERISTIC § VALUE THAT IS REPRESENTATIVE §

OF THE CONDITION OF A GAS Attorneys' Docket No. 021958-031WO

## CERTIFICATE OF MAILING BY EXPRESS MAIL

MAIL STOP PCT Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following documents, which are attached, are being deposited, under 37 CFR 1.10, with the United States Postal Service "Express Mail Post Office to Addressee" service as Express Mail No. EV 566038172 US in an envelope addressed to: MAIL STOP PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

- (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 - Form PTO-1390;
- Copy of the International Application PCT/EP2003/011565; (2)
- (3) Search Report
- (4) Written Opinion; and
- Return receipt postcard. (5)

Respectfully submitted,

Reg. No. 40,370

Date: April 18, 2005

LOCKE LIDDELL & SAPP LLP 600 Travis, Suite 3400 Houston, Texas 77002-3095 (713) 226-1142 Direct Number (713) 223-3717 Facsimile

HOUSTON: 021958.031WO: 999804v1